

Application No. 10/729,340

Amendment dated October 5, 2007

Ex parte Quayle Action of September 26, 2007

Notice of Non-Compliant Amendment of September 26, 2007

Docket No.: NY-LUD 5793-US1-CIP

REMARKS

With respect to the latest *Ex parte Quayle* action, the Examiner writes:

"The objection is not based on Examiner's interpretation."

The following is a quotation from page 3 of the *Quayle* action of September 6, 2007:

"However, it has been interpreted that Applicants may not include an actual sequence in the specification."

(emphasis added). On September 6, 2007, the Examiner said it was his interpretation, now he says it is not.

Interestingly, the Examiner denies precedential value of other issued patents. Applicants understood that these patents issued under the same set of rules as the present application. Hence, they are entitled to the precedential weight.

Allowance is now called for.

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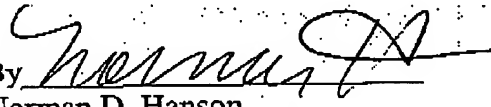
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Docket No. NY-LUD 5793-US1-CTP

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 50-0624, under Order No. NY-LUD 5793-US1-CTP (10315551) from which the undersigned is authorized to draw.

Dated: October 5, 2007

Respectfully submitted,

By 

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LUD 5793.1 US

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LUD 5793.1

20/PBS, and were then supplemented with biotinylated, anti-interferon gamma specific antibody at 0.5 ug/ml. After incubation for 2 hours at 37°C, plates were washed, and developed with commercially available reagents, for 1 hour, followed by 10 minutes of incubation with dye substrate. Plates were then prepped for counting, positives being indicated by blue spots. The number of blue spots/well was determined as the frequency of NY-ESO-1 specific CTLs/well.

[0083] Experiments were run, in triplicate, and total number of CTLs was calculated. As controls, one of reagents alone, effector cells alone, or antigen presenting cells alone were used. The difference between the number of positives in stimulated versus non-stimulated cells, was calculated as the effective number of peptide specific CTLs above background. Three peptides were found to be reactive, i.e.:

LLSHGAVIEV (amino acids 102-111 of SEQ ID NO: 23, 158-167 of SEQ ID NO:

32)

SLSKILDTV (amino acids 904-912 of SEQ ID NO: 23, 960-968 of SEQ ID NO: 32)

SLDQKLFQL (amino acids 1262-1270 of SEQ ID NO: 23, 1318-1326 of SEQ ID

NO: 32).

[0084] The complete list of peptides tested, with reference to their position in SEQ ID NO: 23, follows:

| Peptide | Position |
|------------|---|
| FLVDRKVCQL | <u>amino acids 35-43 of SEQ ID NO: 23</u> |
| ILIDSGADI | <u>amino acids 68-76 of SEQ ID NO: 23</u> |
| AVYSEILSV | <u>amino acids 90-98 of SEQ ID NO: 23</u> |
| ILSVVAKLL | <u>amino acids 95-103 of SEQ ID NO: 23</u> |
| LLSHGAVIEV | <u>amino acids 102-111 of SEQ ID NO: 23</u> |
| KLLSHGAVI | <u>amino acids 101-109 of SEQ ID NO: 23</u> |
| FLLIKNANA | <u>amino acids 134-142 of SEQ ID NO: 23</u> |
| MLLQQNVDV | <u>amino acids 167-175 of SEQ ID NO: 23</u> |
| GMLLQQNVDV | <u>amino acids 166-175 of SEQ ID NO: 23</u> |
| LLQQNVDVFA | <u>amino acids 168-177 of SEQ ID NO: 23</u> |

LUD 5793.1

| | |
|-------------|---|
| IAWEKKETPV | <u>amino acids 361-370 of SEQ ID NO: 23</u> |
| SLFESSAKI | <u>amino acids 430-438 of SEQ ID NO: 23</u> |
| CIPENSIYQKV | <u>amino acids 441-450 of SEQ ID NO: 23</u> |
| KVMEINREV | <u>amino acids 449-457 of SEQ ID NO: 23</u> |
| ELMDMQTFKA | <u>amino acids 687-696 of SEQ ID NO: 23</u> |
| ELMDMQTFKA | <u>amino acids 806-815 of SEQ ID NO: 23</u> |
| SLSKILDTV | <u>amino acids 904-912 of SEQ ID NO: 23</u> |
| KILDTVHSC | <u>amino acids 907-915 of SEQ ID NO: 23</u> |
| ILNEKIREEL | <u>amino acids 987-996 of SEQ ID NO: 23</u> |
| RIQDIELKSV | <u>amino acids 1018-1027 of SEQ ID NO: 23</u> |
| YLLHENCML | <u>amino acids 1043-1051 of SEQ ID NO: 23</u> |
| CMLKKEIAML | <u>amino acids 1049-1058 of SEQ ID NO: 23</u> |
| AMLKLELATL | <u>amino acids 1056-1065 of SEQ ID NO: 23</u> |
| KILKEKNAEL | <u>amino acids 1081-1090 of SEQ ID NO: 23</u> |
| VLIAENTML | <u>amino acids 1114-1122 of SEQ ID NO: 23</u> |
| CLQRKMNV DV | <u>amino acids 1174-1183 of SEQ ID NO: 23</u> |
| KMNV DV SST | <u>amino acids 1178-1186 of SEQ ID NO: 23</u> |
| SLDQKLFQL | <u>amino acids 1262-1270 of SEQ ID NO: 23</u> |
| KLFQLQSKNM | <u>amino acids 1266-1275 of SEQ ID NO: 23</u> |
| FQLQSKNMWL | <u>amino acids 1268-1277 of SEQ ID NO: 23</u> |
| QLQSKNMWL | <u>amino acids 1269-1277 of SEQ ID NO: 23</u> |
| NMWLQQQLV | <u>amino acids 1274-1282 of SEQ ID NO: 23</u> |
| WLQQQLVHA | <u>amino acids 1276-1284 of SEQ ID NO: 23</u> |
| KITIDIHFL | <u>amino acids 1293-1301 of SEQ ID NO: 23</u> |

EXAMPLE 22

[0085] Expression of the full length NY-BR-1 molecule was analyzed, by determining the presence of mRNA, in various normal and tumor tissue samples.

[0086] RT-PCR assays were carried out, as described in examples 5 & 9, on a variety of tissue samples.